

Lucialdehyde B Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Lucialdehyde B

Catalog No.: CFN90305

Cas No.: 480439-84-7

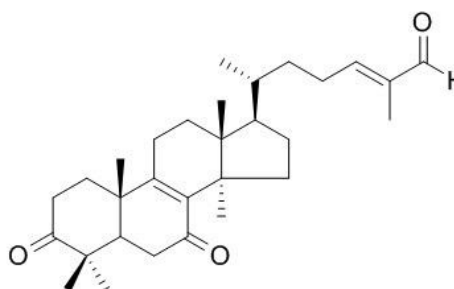
Purity: >= 98%

M.F: C₃₀H₄₄O₃

M.W: 452.67

Physical Description: White cryst.

Synonyms: 3,7-Dioxolanosta-8,24-dien-26-al.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[Source]

The fruiting bodys of *Ganoderma lucidum*.

[Biological Activity or Inhibitors]

Lucialdehydes B, new lanostane-type triterpene aldehyde, shows cytotoxic effects on Lewis lung carcinoma (LLC), T-47D, Sarcoma 180, and Meth-A tumor cell lines.^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile-0.04% Acetic acid H₂O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 15 °C;

The wave length of determination: 254 nm.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Gao J J, Min B S, Ahn E M, *et al. Chem. Phar. Bull.*, 2002, 50(6):837-40.

[2] Li B M , Gu H F, Li Y, *et al. Chinese journal of traditional Chinese medicine*, 2012, 37 (23):3599-603.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com